



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 32526

PRODUCT NAME: UC6 AMMONIATED GLASS CLEANER

USE: Glass Cleaner

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 E

CHEMICAL FAMILY: Alkali/Solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Isopropanol	10-30	000067-63-0	LD50 5045 mg/kg	oral/rat
Hexylene glycol	3-7	000107-41-5	LD50 3700 mg/kg	oral/rat
Ammonium hydroxide	1-5	001336-21-6	LD50 350 mg/kg	oral/rat
Sodium lauryl sulphate	1-5	000151-21-3	LD50 1300mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene, Nitrile Eye: Safety glasses Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not breathe mist, spray or vapours. Do not expose to heat, spark or open flame.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): acids, chlorinated materials

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN1993

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear blue liquid, ammonia odour.

S.G. / BULK DENSITY(g/cc): 0.97

pH: 11.8

VAPOUR PRESSURE (mmHg): 5 mmHg @ 20°C

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: approx. 100°C

FREEZING POINT: -1°C

PERCENT VOLATILE: approx. 94%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): approx. 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES:

Corrosive. May cause severe irritation.

SKIN:

May cause severe irritation.

INGESTION:

May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.

INHALATION: Breathing spray or mist may cause respiratory irritation. Excessive exposure may cause dizziness.

LD50 (calculated): 7330 mg/kg

LC50 (calculated): not applicable

OTHER TOXIC EFFECTS: TLV-TWA (Isopropyl alcohol): 520 mg/m3 (400 ppm)
TLV - STEL (Ammonium Hydroxide): 35 ppm NH3

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.

INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: Yes, combustible if heated.

FLASH POINT, °C: 29°C (TCC)

AUTO IGNITION TEMPERATURE, °C: N/App.

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [] Other []

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Ammonia. Oxides of carbon.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [X] Unstable []

CONDITIONS TO AVOID: high temperature

INCOMPATIBILITY (Material to Avoid) : Chlorinated materials, oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat on contact with strong oxidizers. Chloramines on contact with chlorinated materials. Nitrogen oxides.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
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